

THIRTY-FOURTH REPORT  
OF THE  
DERBYSHIRE  
County Pauper Lunatic Asylum,  
FOR THE YEAR 1885.

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COMMITTEE OF VISITORS:

Lieut.-Col. MOSLEY, Burnaston House, Derby (Chairman).  
T. W. EVANS, Esq., Allestree Hall, Derby.  
CHAS. EDMUND NEWTON, Esq., Mickleover, Derby.  
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COLONEL NEWDIGATE, Byrkley, Burton-on-Trent.  
Sir H. F. EVERY, Bart., Egginton Hall, Burton-on-Trent.  
W. EVANS, Esq., Darley Abbey, Derby.  
G. F. MEYNELL, Esq., Meynell Langley, Derby.  
E. SUTTON, Esq., Shardlow Hall, Derby.  
A. F. HURT, Esq., Alderwasley Hall, Derby.  
REGINALD CHANDOS POLE, Esq., Radbourn, Derby,

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TREASURER ..... GEORGE CROMPTON, Esq.  
SUPERINTENDENT PHYSICIAN ..... J. MURRAY LINDSAY, M.D.,  
F.R.C.S.E., M.R.C.P.E.  
HON. CONSULTING PHYSICIAN ..... J. HITCHMAN, M.D., F.R.C.P.  
ASSISTANT MEDICAL OFFICER ..... R. J. LEGGE, M.D., L.R.C.S.E.  
CHAPLAIN ..... THE REV. R. C. BINDLEY, M.A.  
CLERK AND STEWARD ..... MR. JOHN LANGLEY.  
HOUSEKEEPER ..... MISS MARTIN.  
CHIEF ATTENDANT ..... MR. JOHN ELLIOTT.  
CHIEF NURSE ..... MISS GEISSLER.

B. SCOTT CURREY,  
Clerk to the Committee.

# REPORT OF THE VISITING COMMITTEE.

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Your Committee beg to present the 34th Report in reference to the County Lunatic Asylum.

The Lunacy Commissioners have not visited the Asylum since the 14th February, 1885. On the occasion of that visit they continued to urge, as they had previously done, the erection of a Hospital for Infectious cases. Plans were prepared and Estimates obtained for such a Building, and application was made to Quarter Sessions last year for the money for that purpose, when the subject was referred back to your Committee for reconsideration.

It was found impracticable to provide any building at a less cost than would really be efficient to meet the Commissioners' requirements, and your Committee decided to tide over the difficulty by substituting a disinfecting room, fitted with Lyon's Patent Steam Disinfector, for which a grant of £300 was made at the October Sessions in 1885. Your Committee are glad to report that the Disinfector appears to be a most satisfactory Apparatus, and will, it is hoped, do away with the necessity for any further outlay as a precaution against any infectious diseases for the present.

The New Boilers and Boiler House referred to in last years' Report have been completed, and are found to work most satisfactorily. A New Organ in the Chapel has been provided, and a new Conservatory is now being built, both of them without any expense to the County, and will it is expected add materially to the welfare and comfort of the patients. Other improvements of a minor character, and which are referred to in the report of the Medical Superintendent, have been made during the past year.

Your Committee would again express their satisfaction with the general arrangements of the Asylum under Dr. Lindsay's management, assisted by a willing and efficient staff, and they would draw the special attention of the Magistrates in Quarter Sessions to the very favourable recovery rate referred to in Dr. Lindsay's Report, not only as most satisfactory in itself, but as a feature confirming the expression of satisfaction before referred to.

ASHTON MOSLEY,

Chairman.

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Since the above report was agreed to by your Committee, the Lunacy Commissioners visited the Asylum, on the 19th March inst. They still persistently urge the necessity for erecting a detached Hospital for infectious cases, although they warmly approve of the disinfecting apparatus recently erected, and which it was hoped might have satisfied them for the present. It may be added that the latter is really essential for the well-being of the Asylum, even if a detached Hospital should be added at some future time.

# Report of the Commissioners in Lunacy.

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DERBY COUNTY ASYLUM,

*19th March, 1886.*

We have this day visited the Derby County Asylum and find the patients detained therein on the whole well dressed, tidy, quiet and contented, the day rooms very bright and cheerful, the dormitories in good order, and in the majority of rooms the beds well attended to. An excellent dinner was provided this day, and was evidently relished. No complaint except on the score of undue detention was brought before us, and no charge of harsh treatment in either division at the hands of the attendants, and the majority of the patients were quiet and orderly. No one was wearing a strong dress, and black eyes and bruises were rare. On the books this day are 430 patients in equal proportion of sexes, and all except 3 males on leave were addressed by us this day. There is one patient in either division belonging to the private class, and 12 patients, 6 of each sex, have been admitted here from Nottingham Borough Asylum. The rest all belong to this County. The changes which have taken place since the last visit, which took place about 13 month ago have been the following :.....

					M.	F.	T.
Admitted	...	...	...	...	70	65	135
Discharged	Recovered		...	...	18	30	48
„	Relieved or not Improved				6	3	9
„	Not Insane	...	...		1	1	2
Died	...	...	...	...	44	24	68

All the deaths except one were from ordinary causes. The exception was of a man who committed suicide by cutting his throat. This death formed the subject of correspondence between the Asylum authorities and our Board and needs no further remark. In this case the coroner held an Inquest, and in one other because the patient died 5 hours after admission. *Post-mortem* examination

has verified the assigned cause in 42 of the male and 23 of the female patients deaths, in one case of a male patient leave was refused, and in the other two cases death has been so recent, that there has been no time to make autopsy. In the male division general Paralysis and Phthisis account for 9 deaths each, and in the female division 9 women died from Phthisis also. During our visit to the wards we found 5 men and 8 women in bed; under medical treatment last week were recorded the names of 13 men and 23 women, and 47 men and 30 women suffered from Epileptic Fits, whilst 25 men and 24 women are considered actively Suicidal. With regard to the Epileptic and Suicidal patients, we wish we could report that they were all under continuous supervision by night, but this is not the case, we think, however, one of the two large dormitories in either division might be used for this class, and with a night attendant sitting up in the room, the greater number of these patients might have the requisite supervision by night. This would entail an extra night attendant on both sides, and this we strongly recommend. They should then be thus divided, one constantly in the Epileptic dormitory, one in the infirmary, and one patrolling the whole division, recording the visits round the building every hour. The infirmaries are rather large for their purpose, and so the night watching even in these is not satisfactory. It is with grave regret we have to report that the proposal which was brought forward to erect a detached Hospital was not carried, we again urge the subject as one of the utmost importance upon the attention of the Committee, and can only express our earnest hope that the need for such a Hospital may not arise before the building has been erected. There has been a disinfecting apparatus set up in lieu thereof, and though fully acknowledging the usefulness of this disinfector, it can never be made to supply the place of an Infectious Hospital. Amongst other improvements and additions we have to notice have been the following:—(a) An organ has been erected in the Chapel, the post of Organist being kindly undertaken by Dr. Legge; (b) a Conservatory is in course of erection; (c) new Boilers have been placed in the engine house, and above ground, at the same time opportunity was taken to make alterations in the

Laundry, and better means of communication between the stokers at the boiler house and the kitchen and laundry. The drains passing under the buildings have been overhauled, and are supposed to be now so arranged that no escape of sewer gas can occur, and the brick drain under the kitchen has been diverted. The large sewage tank in the front field near the wards has been filled up, and the sewage is now turned on where required on the farm in a fresh state. Much painting and decoration is in progress, and we were pleased with the work, but many parts of the Asylum require attention in this respect. There are 20 ordinary attendants in each division, two from either side doing night duty. They show a fair record of service, only 3 men and 6 women have not had as yet one year's experience. Usefully employed are 123 men and 114 women, the ward cleaners being 53 in the male and 47 on the female side: 44 men work on the land, and 26 in the kitchen, stores, and shops; 21 women assist the laundress, and 46 are engaged in needle-work; 70 men and 78 women take exercise only in the airing courts; 145 men and 137 women walk in the grounds; and 75 men and 98 women go at times beyond the walls. The Church Services on Sunday are attended by about 110 men and 113 women, 60 men and 50 women join in the week-day prayers, whilst the associated entertainments, which are frequent and varied, attract 129 men and 116 women. We ought not to omit to notice that no seclusion or restraint has been found necessary since the last visit, and serious casualties have been rare. One woman was in bed with a broken arm, how occasioned we could not with certainty ascertain, but we satisfied ourselves that it was not caused by any of the nurses. No change has taken place amongst the Officers since the last visit, and we think the condition of the Asylum is very creditable to Dr. Lindsay, whose efforts seem to be well seconded by the rest of the staff. A word of praise is certainly due to Dr. Legge for the way in which the Case Books are kept.

W. E. FRERE, } COMMISSIONERS  
REGD. SOUTHEY, } IN LUNACY.

# Reports of Deputations of Boards of Guardians.

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## CHESTERFIELD.

2nd Feb., 1885.

We, the undersigned, a deputation from Chesterfield Union, have this day visited the County Asylum at Mickleover, and desire to express our entire satisfaction with all arrangements made for the treatment and comfort of the patients, and to express our thanks to Dr. Lindsay and Mr. Langley for their kindness and courtesy in conducting us over the establishment.

## SHARDLOW.

6th Feb., 1885.

We, the undersigned members of the Shardlow Union Board of Guardians, have visted the County Asylum to-day, and seen all the patients belonging to our Union, and find them well cared for and comfortable. We desire to express our full satisfaction with all the arrangements, and to sincerely thank Dr. Lindsay for his kindness and pleasant reception.

## ASHBY-DE-LA-ZOUCH.

19th Feb., 1885.

We, the undersigned five members of the Ashby-de-la-Zouch Board of Guardians, accompanied by their clerk (Mr. George Farmer), forming a committee appointed by that board to visit the County Asylums of Leicester and Derby, have to-day visited the latter, accompanied by Dr. Murray Lindsay (whose obliging courtesy they beg cordially to acknowledge). They visited each portion of the establishment, and besides seeing all the patients in the different wards, both male and female, they saw separately each patient belonging to the Ashby-de-la Zouch Union. The committee feel that this unhappy malady could not be treated more admirably than it is in the Asylum at Mickleover, and they beg to express their entire satisfaction with all the arrangements.

## MANSFIELD.

20th Feb., 1885.

We, a committee of the Mansfield Board of Guardians, desire to record our satisfaction with the condition of the patients from our Union, and our sense of the courtesy of Dr. Murray Lindsay, who has afforded us every facility for inspecting the arrangements of the Asylum and the care and treatment which the patients receive.

## BURTON-ON-TRENT.

21st October, 1885.

We, the committee of the Burton Board of Guardians, have today paid a visit through the various wards and dormitories, and are much pleased with the order cleanliness and comfort apparent amongst the inmates.

## SHARDLOW.

22nd Feb., 1886.

The undersigned members of the Shardlow Board of Guardians have this day visited the County Asylum at Mickleover, and we wish to record our satisfaction with the condition of all our patients, and our confidence in the attention and care bestowed upon them, and with all the arrangements and appliances for their comfort.

We also wish to thank Dr. Lindsay for his courtesy and kindness in personally conducting us through the establishment.



# Report of the Medical Superintendent.

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TO THE COMMITTEE OF VISITORS OF THE DERBY  
COUNTY ASYLUM.

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GENTLEMEN—

I beg to submit the THIRTY-FOURTH REPORT of the Asylum for the year 1885.

On 1st January, 1885, the Asylum contained 431 patients. The admissions during the year have been 112, the discharges 59, and the deaths 62, leaving 422 patients in the Asylum at the close of the year, which shows a decrease of 9 upon the number remaining at the end of the previous year.

Of the 422 patients remaining on 31st December, 404 (202 males and 202 females) are chargeable to Unions in Derbyshire, 2 men are chargeable exclusively to the County Rates, 12 (6 males and 6 females) belong to Nottingham, and are received here under an arrangement with the Nottingham Borough Asylum Authorities, 2 men are Criminal Lunatics chargeable to Government, and 2 (1 male and 1 female) are private patients.

These figures show a decrease of 23 (11 males and 12 females) in the number of Derbyshire patients remaining at the close of the year, compared with the numbers remaining at the corresponding period of the previous year.

Comparing the admissions of the last two years, we find that there has been an unusually large decrease of 37 (27 males and 10 females) in the number of Derbyshire admissions in 1885, as compared with 1884, in which latter year, there was a considerable increase of 17 males, and a decrease of 15 females.

These figures are striking as exemplifying the uncertain fluctuations in the admissions, and are not easily explained. It is not improbable, however, that in some measure they may be attributable to a variety of causes, and may have some connection with the changing opinions of Public Boards, the suspense and uncertainty in which Lunacy Legislation has of late years been kept, and the increasing objection on the part of Parochial Authorities and Relatives of the insane to look upon the Asylum as a Curative Hospital, combined with the increasing disposition to regard the Asylum more as a last resort for the hopelessly incurable, or a prospective cemetery for the dying. The effect of this is not to make legitimate use of the Asylum to the fullest extent, but to detain insane persons in Workhouses and at home as long as possible, only sending them to the Asylum when they become intractable, dangerous to themselves or others, dirty, destructive, extremely debilitated, their malady becoming chronic, and too often incurable.

This feeling of objection to the Asylum is perhaps also fostered by recent prosecutions and decisions in Courts of Justice, which tend to create suspicion in the mind of the general public with regard to the admission and detention in Asylums even of Pauper Lunatics.

At the close of the year, the total accommodation amounted to 468 beds, 237 for men and 231 for women, of which number there were 24 vacant beds in the male division, and 22 in the female division.

Of the 422 patients remaining in the Asylum at the close of the year, not more than 33 (16 males and 17 females), including some doubtful cases, or 7·8 per cent., are deemed curable.

ADMISSIONS.—The admissions of the past year have been 112, being a decrease of 21 compared with the previous year.

Among the admissions there were 12 (6 males and 6 females) from Nottingham, 2 private patients (1 male and 1 female), 2 Government patients (males), and 2 men who had shown no indication of insanity in the Asylum, any symptom of mental aberration or

excitement they may have previously exhibited having passed away, and who were consequently after a short residence discharged not insane.

With reference to the principal causes of insanity (taken from the histories of the cases) in those admitted, Table X. shows that hereditary predisposition was ascertained in 24 per cent. In 23 per cent. there had been previous attacks of insanity; and intemperance was assigned as the cause in 8 per cent. of the men, and 9 per cent. of the total of both sexes.

**DISCHARGES.**—59 were discharged, of whom 45 were recovered, 9 were discharged to the care of their relations, of whom 6 were relieved, 1 was transferred to another Asylum, 2 were discharged not insane, and 2 men, Criminal Cases, were transferred from the private to the pauper register, their term of sentence having expired.

The patient Charles Oliver, who made a murderous assault on the Medical Superintendent, was removed on 5th January from Derby Prison to Broadmoor Criminal Asylum.

The recoveries are at the rate of 46·87 per cent. to admissions (excluding transfers from other Asylums), 30·18 per cent. for men, and 67·44 per cent. for women, being 5 per cent. higher than the recovery-rate of the previous year.

This should be considered a very satisfactory recovery-rate, especially taking into account the large proportion of unfavourable cases admitted, and is 7 per cent. higher than the average recovery-rate—39·77 per cent. in County and Borough Asylums, as given in the last published Report of the Commissioners in Lunacy.

**DEATHS.**—The deaths amount to 62, being at the rate of 14·93 per cent. to daily average number resident, which is rather over 1 per cent. higher than the death-rate of the previous year.

Calculated on the total number under treatment during the year, the death-rate is 11·41 per cent.

The high mortality is again attributable to the excessive number of deaths from Pulmonary Consumption, and to the very unfavourable character of the cases admitted, many of whom were in such a

debilitated or diseased condition that they died within short periods of admission, one man only surviving five hours, and another nine days, 18 dying within 12 months of admission.

As many as 16 died at advanced ages, from 60 to 78 years of age, and 13 more from 50 to 60, including several old residents, one of whom had been an inmate for the long period of 32 years, whilst three others had resided in the Asylum, 25, 20, and 19 years.

Next to Pulmonary Consumption, which carried off the same number as the previous year, the most frequent causes of death were Cerebral Diseases and General Paralysis.

The average age at death was 49.

Two inquests have been held during the year—the first, W. D. committed suicide by cutting his throat with a knife at the Farm where he was employed ; and the second, J. F. was suffering from Broncho-Pneumonia on admission, he was in an extremely emaciated condition from refusal of food, only survived five hours, and died from Broncho-Pneumonia and Melancholic Exhaustion.

During the past year, deputations from five Board of Guardians, Chesterfield, Shardlow, Ashby-de-la-Zouch, Mansfield, and Burton-on-Trent visited the patients in the Asylum chargeable to their Unions, and left favourable records of their visits.

A birth took place during the year. A. E. M., a married woman, admitted on 20th March, gave birth on 25th April to a healthy female child, subsequently removed by the father.

At the Quarter Sessions on 30th June, a pension of £40 a year was granted to James Badcock, who faithfully performed the trying duties of attendant for the long period of 26 years.

**NEW BOILERS.**—With the sum of £650 granted at the April Sessions, the following alterations have been effected :—Alteration of the boiler house, removal of the two old steam boilers (subsequently sold for £31) from the inconvenient depth below the ground level where they were originally placed, as they were becoming worn out, inefficient, and inadequate for the proper steam requirements of

the establishment, having been in use since 1858, and the substitution of two new improved boilers placed on the ground level, made by W. and J. Galloway and Sons, Manchester, at a cost of £360 delivered, working pressure 60lbs. per square inch, and previously tested by hydraulic pressure to 100lbs. per square inch. The boilers are insured with "The Boiler Insurance and Steam Power Company, Limited," Manchester.

In connection with the alteration of boiler house, an improvement was effected at the laundry. An addition was built to the foul laundry to compensate for space given up to the boiler house, an improved drying closet constructed, and a new passage made connecting the foul laundry with the central passage, so as to facilitate the working of that department, and obviate the necessity of the male attendants having to go a longer distance outside to the back of the foul laundry, a bell-pull having been fixed in the passage outside the foul laundry door for the use of the male attendants. At the same time, it was arranged to provide better means of communication with the stokers in the boiler and engine houses, for the purpose of regulating the supply of steam to the laundry and kitchen, by fixing a speaking tube and bell-pull in the kitchen passage near the housekeeper's work room.

**NEW ORGAN FOR THE CHAPEL.** With the interest on the Jones bequest, amounting to £159 16s. 7d., an important addition has been made to the chapel, by the purchase of a new "Chancel Organ of one manual and pedals, bracketted case, and decorated speaking front pipes," made by Messrs. Bevington & Sons, London, at a cost of £120. A brass altar desk, and two polished engraved brass vases have also been purchased for the chapel, at a cost of £5 7s. 6d. The balance left after defraying all expenses connected with the Organ, &c., has been devoted to the Band Fund, for the purpose of purchasing musical instruments and music for the band and choir.

The New Organ, at which Dr. Legge so ably officiates, was first used for service on Sunday, 6th September, it has greatly aided the improvement in the musical portion of the chapel services, and there can be no doubt of the beneficial influence of the improved

services upon the congregation, patients as well as staff. The attendants forming the choir, so zealously conducted by Miss Geissler, are deserving of commendation for their musical services.

**NEW CONSERVATORY.**—With the sum of £400, part of the Jones bequest of £450, a new conservatory, 40ft. by 20ft. is in course of erection near the chapel, “with span roof, bed for plants in centre, stage all round, and heated by four pipes all round, also a small tank and pump inside.” It is being erected by Messrs. Messenger and Co., Loughborough, as per estimate, amounting to £307 10s., to include everything except bricklayer’s work.

A kind contribution has already been made by Colonel Newdigate of 96 stove and greenhouse plants, including some ferns, azaleas, heaths, &c., for the new conservatory, in which there will be ample room for further contributions from any kind friends of the Institution who may have spare plants to bestow upon so good an object, and which will be gratefully received.

**INFECTIOUS DISEASES HOSPITAL.**—The important question of the erection of a detached Hospital for the isolation and treatment of infectious diseases, a matter so urgently pressed by the Lunacy Commissioners, has received the careful consideration of the Committee on several occasions during the past year, the result being that an application was made to Quarter Sessions, on 30th June, for a grant of £2,600 for the erection, fitting and furnishing complete of an Infectious Hospital (£2,000 for building, and £600 for furniture, fittings, architects’ charges, &c.), as per estimate of County Surveyor, but the proposal of the Asylum Committee on the motion of the Chairman, Colonel Mosley, was lost by 11 votes for to 15 against, and the matter was referred back to the Committee for the reduction of their estimate. An amended plan at a reduced estimate was submitted by the County Surveyor, which, however, was abandoned by the Committee at their meeting on 3rd October, and a decision arrived at to substitute another proposal to apply to Quarter Sessions for a grant of £300 to provide a disinfecting room and apparatus. This sum was granted by Quarter Sessions on 20th October (the motion being agreed to, with only two

dissentients) on the motion of Colonel Mosley who " urged that this would obviate for the present the necessity for the erection of a detached Infectious Diseases Hospital."

As Superintendent-Physician of the Institution, and its Medical Officer of Health, I may be permitted to express my regret that a matter so repeatedly and urgently pressed by the Lunacy Commissioners, and considered so essential by your Medical Officer, should be further delayed and not carried into effect. I am thankful for the disinfecting apparatus, but it is only one weapon, and that not the strongest, in the necessary armour with which to fight the battle of infectious disease. I view so seriously the risk incurred in neglecting to make this necessary provision that I feel I should be lacking in my duty if I failed to record my opinion that, should unfortunately infectious disease attack us, the resources of the Asylum are utterly inadequate to enable us to meet the enemy, for we are not properly equipped or fully prepared, as there is no proper separate accommodation for the isolation and treatment of such disease. There is certainly a small empty cottage in the front field which is damp, does not contain a single really good room, and is quite unsuitable for the purpose. This will at once be seen from the following statement giving the cubic space of the rooms :—The cottage contains two rooms, one has 1,070 cubic feet, the other 900 cubic feet ; the kitchen has 1,430 cubic feet, the passage between the kitchen and scullery has 900 cubic feet, these four places being 10 feet high, the scullery has 665 cubic feet and is 7 feet high.

When it is considered that the highest Medical and Sanitary Authorities recommend from 1,500 to 2,000 cubic feet of air space per bed for fever cases and infectious diseases, which is the space usually given, it will be at once apparent how utterly unsuitable the cottage would be for the purpose of an Infectious Hospital.

**DISINFECTING APPARATUS.**—With the grant of £300, a disinfecting room has now been provided, fitted up with " Washington Lyon's Patent Steam Disinfector," made by Manlove, Alliott, Fryer, and Co., Nottingham, at a cost of £191.

In this disinfector, articles of clothing, bedding, &c., are subjected

to a moist heat of high temperature 260° Fahrenheit by means of super-heated steam, at which temperature the germs of disease are destroyed. It is considered the most efficient disinfecter, more economical than any apparatus heated by gas, and not so detrimental to linen and clothing.

The blacksmith's shop, 24ft. 3in. by 10ft., opposite the boiler house has been converted into the disinfecting room, and the old gas retort house has been converted into the blacksmith's shop which is larger than the old shop, being 24ft. 3in. by 18ft. 3in. This is a great improvement, for a much better and more roomy shop has been obtained by the alteration.

In connection with these alterations other improvements have been effected, the workmen's mess-room and place adjoining, measuring 24ft. by 10ft. 1in. are being converted into a larger and more convenient shop for the plumber, and the old plumber's shop, 13ft. 4in. by 10ft. 3in., is being converted into the workmen's mess-room. A shed measuring 38ft. by 14ft. has also been built at the back of the coal shed for storing cement, lime, ropes, and material belonging to the department of the Engineer and Clerk of Works, it having become necessary to remove this material from the gas retort house and lime shed in consequence of the alterations already referred to.

Among other alterations and improvements effected during the year, the following may be mentioned :—

1.—The completion of the SANITARY IMPROVEMENTS which have been in progress for several years past, by a careful examination and alteration of the drainage system wherever defective. The brick culverts passing under No. 1 and 2 male and female wards have been covered on top so as to completely encase them with hydraulic lime 9 inches thick.

The 9in. drain pipes passing under No. 2 male and female wards have been encased in concrete 12 inches thick all round.

The brick drain passing under kitchen has been diverted, and now delivers into an inspection shaft which has been built in the culvert in centre of kitchen yard, all drains made to deliver into it. The

overflow from soft (rain) water tank also delivers into it, is trapped and provided with a cast iron tide valve, so that in the event of the sewer being stopped the sewage could not back into the tank. This overflow was previously connected with and passed direct into the sewer. All the drainage from kitchen now passes through 6in glazed earthenware pipes direct into inspection shaft, over which is placed one of Jacob's patent sewer ventilators. Sinks outside and close to kitchen and top scullery doors have been altered, and removed to centre of yard to receive all vegetable water.

An inspection shaft has been built on sewer in store yard where the overflow from soft water tank is situated, and a cast iron tide valve has been inserted in overflow for the same purpose as that in kitchen yard.

The old inspection shaft outside the female entrance door in kitchen yard has been repaired, and rendered inside with Portland Cement, and one of Jacob's Patent Sewer Ventilators placed on top.

**2.—ABOLITION OF THE LARGE SEWAGE TANK** in front field, which was too near the wards, 210 feet from front of building, and contained 50 cubic yards of sewage matter. The outlets being situated on the same level as the inlets, the Tank always remained full of decomposing sewage matter, which was apt to be a source of danger to health. This has now been removed, and the Tank filled up. The Tank used to be emptied at long intervals, having been emptied 16 months previously. The three main drains were intercepted, and carried round the position of Old Tank, with 15 inch Sanitary Glazed Pipes laid in concrete, and connected together at an inspection and cleaning shaft constructed for that purpose, the outlet being carried into the old drain passing under cricket ground, which drain formerly received overflow from old tank and extends to sewage outfall at farm.

The sewage on arriving at farm was formerly distributed to different parts of the fields, where required, along open channels and furrows made with a plough, the consequence being that the headlands of the fields along which the sewage travelled, and especially near the sewage outfall, were saturated with sewage, the offensive

smell from which was certainly a nuisance to many, patients and others, who frequently passed that way along the regular walk round the farm.

To remedy this nuisance, and to facilitate distribution of the sewage, a sewer carrier was constructed with 9 inch Sanitary Glazed Pipes, for a distance of 250 yards from outfall, and at every 40 feet a blue brick eye in cement was formed, with a 6 inch outlet and valve provided for each, so that the sewage can be turned on where required.

These alterations and improvements in connection with the abolition of the large sewage tank have been carried out at the moderate cost of £60., as per estimate of the County Surveyor.

3.—**ABOLITION OF OUT-DOOR PRIVIES** in the south male airing court and north female airing court, and the cesspools filled up, as they were objectionable, and considered unnecessary.

4.—**FIRE ARRANGEMENTS.**—With regard to precautions against fire, in accordance with the suggestion of the Lunacy Commissioners the two observation windows in the Nurses' bedrooms, looking into the large dormitory in No. 8 female ward have been removed, and doors substituted so as to facilitate egress in case of fire, the windows in these bedrooms opening wide so as to admit of the use of a canvas shoot escape, which is kept ready in each room.

The purchase of 1 dozen hatchets and 1 dozen leather belts for the Fire Brigade, and four Rose's Corridor Wheel Pumps with Hose attached for No. 7 and 8 male and female wards, has completed the fire arrangements, and exhausted the sum of £350 granted at Quarter Sessions in January, 1885, for precautionary arrangements against fire.

5.—A better and more healthy bedroom for the cowman has been obtained by partitioning off a portion of the barn looking east, in place of his old objectionable and badly situated bedroom over the steamer, close to the piggeries, and looking towards the cemetery.

The foregoing statement of alterations and improvements will

show that the past year has been one of progress and of special activity in the department of the Resident Engineer and Clerk of Works, who has economically and energetically carried them out, acting under the instructions of the County Surveyor.

The committee granted the application of Mr. Dennis, Engineer, for increased remuneration, by an addition of £20 a year to his salary, Mr. Dennis having been over seven years in the service of the Asylum.

**ACKNOWLEDGMENTS.**—In addition to the members of the committee who have given liberal supplies of evergreens for the decoration of the wards at Christmas, our thanks are also due to Mr. John Coleman, Heanor.

I beg to acknowledge with thanks the following gifts:—106 magazines and periodicals from Mr. Marsden, Derby, for the use of the patients; 24 pictures from B. Scott Currey, Esq.; the annual Christmas box, containing over 400 oranges from a lady; 420 Christmas cards for the inmates and 50 Christmas cards for the attendants, from Miss Edith Newton, Mickleover.

Amongst those who have kindly given entertainments to the patients, we have to thank Mr. J. Siggall, Russian Violinist, with friends, and the “Derby Rifle Volunteer Band” for excellent concerts of vocal and instrumental music, and the “Derby Garrick Society” for two very amusing dramatic entertainments.

From my colleague, Dr. Legge, I continue to receive very efficient assistance in the medical work of the Asylum. He also continues to render valuable service by devoting his musical abilities to the benefit of the patients, and in training and conducting the new Band which he organised.

Miss Geissler also, by her dramatic and musical abilities, contributes largely to the enjoyment of the patients, trains the choir, and assists in the musical portion of the chapel services. To them, as well as to the chief-attendant, Mr. John Elliott, and the other members of the staff, who devote so much of their time to taking part in dramatic and musical entertainments for the benefit of the inmates, my best thanks are due.

I have pleasure in acknowledging Mr. John Langley's lengthened and valuable services as clerk and steward.

I beg to thank the chairman and committee of visitors for their valuable aid and support during the past year in the management of the Asylum.

I have the honour to be, gentlemen,

Your obedient servant,

J. MURRAY LINDSAY, M.D.

MICKLEOVER, February, 1886.



MEDICAL STATISTICS.

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STATISTICAL TABLES

OF THE

Medico-Psychological Association.

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1885.

TABLE 1

*Showing the Admissions, Re-admissions, Discharges, and Deaths  
during the Year ending 31st December, 1885.*

	M.	F.	T.	M.	F.	T.
In the Asylum, January 1st, 1885.				217	214	431
Cases admitted—						
First Admissions... ... ...	53	44	97			
Not first admissions ... ...	8	7	15			
Total Cases admitted during the year ... ... ...				61	51	112
Total cases under care during the year ... ... ...				278	265	543
Cases discharged—						
Recovered ... ... ...	16	29	45			
Relieved ... ... ...	4	2	6			
Not improved ... ... ...	4	2	6			
Not insane... ... ...	2	0	2			
Died ... ... ...	39	23	62			
Total cases discharged and died during the year ... ...				65	56	121
Remaining in the Asylum 31st December, 1885.				213	209	422
Average number resident during the year ... ... ...				209	206	415
Persons under care during the year	278	265	543			
Persons admitted „ „	61	51	112			
Persons recovered „ „	16	29	45			
Transferred from other asylums...	2	2	4			
„ to „ „	1	1				

TABLE 1A.

*Showing the Number of previous Attacks among those Admitted during the Year 1885, distinguishing those Attacks that have been treated to Recovery (and Discharge) in this and other Asylums.*

Number of previous Attacks.	Persons having had previous Attacks.								
	All Attacks.			Attacks followed by Recovery in this Asylum.			Attacks followed by Recovery in any Asylum.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Have had 1 previous Attack	10	5	15	4	5	9	5	6	11
,, 2 ,, Attacks	1	3	4						
,, 3 ,, ,		1	1		1	1			
,, 4 ,, ,		2	2					1	1
,, 5 ,, ,									
,, 6 ,, ,									
,, 7 ,, ,	1		1	1		1	1	1	1
,, 8 ,, ,		1	1		1	1		1	1
,, 9 ,, ,									
,, 10 ,, ,									
,, 11 ,, ,									
Total.....	12	12	24	5	7	12	6	8	14

TABLE II.

*Showing the Admissions, Re-admissions, Discharges, and Deaths, from the opening of the Asylum to the 31st December, 1885.*

	M.	F.	T.	M.	F.	T.
Persons admitted during the period of 34 years.....}	1976	1805	3781			
Re-admissions .....	265	237	502			
Total cases admitted .....				2241	2042	4283
Discharged cases—						
Recovered .....	805	902	1707			
Relieved .....	164	183	347			
Not improved .....	201	162	363			
Died .....	858	586	1444			
Total cases discharged and died since the opening of the Asylum .....				2028	1833	3861
Remaining 31st December, 1885				213	209	422
Average number resident during the 34 years.....}	166	173	339			
Transferred from other asylums						
,, to ,, ,,						

TABLE III.—Showing the Admissions, Discharges, and Deaths, with the mean Annual Mortality, and Proportion of Recoveries per cent. of the Admissions for each year, since the opening of the Asylum, 21st August, 1851.

Years.	Admissions.			DISCHARGES.			Died.			Remaining on Dec. 31st of each year.			Average Numbers Resident.			Per centage of Recoveries on Admissions, excluding transfers.			Per centage of Recoveries on Admissions on Average number of Residents.															
	Recovered.			Relieved.			Not Improved.			M.			F.			T.			M.			F.												
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.										
1851-2	116	96	212	17	34	53	1	7	9	16	84	152	51	47	98	14.6	17.7	16.0	17.6	14.8	16.3	116	96	212										
1853	74	57	131	27	26	49	1	6	9	7	9	18	223	99	76	175	45.6	40.5	18.1	17.6	14.8	16.3	118	99	215									
1854	76	75	151	24	25	49	4	7	11	10	32	122	111	233	108	99	207	31.5	33.3	32.4	20.3	10.1	15.4	120	118	215								
1855	61	72	133	18	29	47	4	8	12	6	28	135	142	277	134	126	260	29.6	40.2	35.3	16.3	4.7	10.7	121	118	215								
1856	52	67	119	18	28	46	*6	*17	23	3	32	12	5	15	19	135	141	276	135	132	267	34.6	41.7	38.6	8.8	5.3	7.1	122	118	215				
1857	46	46	83	21	27	48	2	4	4	6	17	7	26	134	137	271	135	133	268	45.6	81.8	68.7	14.0	6.0	10.0	123	118	215						
1858	36	45	81	19	22	41	4	8	12	2	6	17	14	31	131	130	261	134	138	272	52.7	48.8	50.6	12.6	10.1	11.3	124	118	215					
1859	44	44	88	18	18	36	2	4	6	5	15	8	17	14	31	136	143	279	132	139	271	40.9	40.9	11.3	5.7	8.4	8.4	125	118	215				
1860	58	58	32	90	28	14	42	2	2	10	9	1	1	11	11	145	142	287	144	142	286	48.2	43.7	46.6	7.6	11.9	9.7	126	118	215				
1861	69	54	123	30	25	41	4	8	12	42	2	7	9	1	1	3	1	3	157	318	153	146	299	43.4	22.2	34.1	13.7	10.2	12.0	127	118	215		
1862	54	57	111	29	25	44	4	7	3	7	2	1	1	1	1	3	1	3	27	153	170	323	154	164	318	53.7	43.8	48.6	17.5	9.1	13.2	128	118	215
1863	62	53	115	28	25	42	2	8	14	21	18	1	1	2	1	3	1	3	21	153	170	323	155	167	333	23.8	42.8	33.3	10.8	5.3	8.1	129	118	215
1864	48	42	90	17	21	38	5	7	7	14	1	1	1	1	1	1	1	1	149	170	319	154	170	324	45.1	52.8	48.6	18.1	11.7	10.8	130	118	215	
1865	42	42	84	10	18	31	2	4	6	11	7	7	5	8	8	18	9	27	171	171	342	166	167	339	25.4	28.5	26.8	20.9	6.3	13.9	131	118	215	
1866	36	36	37	73	14	21	18	28	38	3	7	7	5	8	8	18	9	38	168	167	335	166	167	329	41.7	56.7	46.8	13.8	9.2	11.5	132	118	215	
1867	55	42	97	14	10	21	18	28	38	3	7	7	5	8	8	18	9	35	173	186	359	167	167	324	33.1	50.6	42.2	11.6	12.4	12.0	133	118	215	
1868	60	39	99	26	22	48	1	1	1	1	1	1	1	1	1	1	1	1	35	181	181	362	180	187	367	45.0	56.4	49.4	13.3	10.1	11.7	134	118	215
1869	69	65	134	17	25	42	2	5	3	1	1	1	1	1	1	1	1	1	183	184	368	184	183	367	24.6	38.4	31.5	15.2	11.9	13.5	135	118	215	
1870	56	54	110	22	28	50	*1	*2	9	21	21	19	40	195	190	385	191	188	379	39.2	51.8	45.4	10.9	10.1	10.5	136	118	215						
1871	59	68	127	28	25	53	12	8	9	21	25	14	39	182	206	388	182	196	378	47.4	36.7	41.7	13.7	7.1	10.4	137	118	215						
1872	57	48	105	24	29	52	1	1	1	1	1	1	1	1	1	1	1	1	181	185	366	181	188	369	42.1	60.4	50.4	14.3	8.1	11.1	138	118	215	
1873	56	53	109	23	28	50	*12	*12	9	21	21	19	40	170	189	359	173	188	375	35.4	41.0	54.7	47.7	16.7	5.8	110	118	215						
1874	79	92	171	28	37	65	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	139	118	215						
1875	63	75	138	27	40	67	3	4	7	2	9	24	25	49	191	209	401	192	209	401	33.6	48.8	41.1	19.7	15.7	17.7	140	118	215					
1876	92	88	180	31	43	74	2	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	141	118	215					
1877	106	69	175	34	30	64	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	142	118	215					
1878	106	69	175	38	33	71	5	6	4	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	143	118	215		
1879	98	82	180	46	35	81	5	6	4	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	144	118	215		
1880	77	81	158	24	33	57	4	5	6	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	145	118	215		
1881	69	82	151	21	33	54	4	5	6	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	146	118	215		
1882	65	55	118	19	32	51	4	5	6	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	147	118	215		
1883	62	69	131	21	28	55	4	5	6	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	148	118	215		
1884	79	54	133	28	27	55	4	5	6	3	4	7	2	9	24	25	49	191	207	398	175	200	375	35.4	41.0	53.3	48.5	16.7	12.5	149	118	215		

TABLE IV.

Showing the History of the Annual Admissions since the opening of the Asylum, 21st August, 1851, with the Discharges and Deaths, and the numbers of each year remaining on the 31st December of the year reported on.

Years.	ADMITTED.					Of each year's Admissions Discharged and Died in 1885.										Total Discharged and Died of each year's Admissions.										Remaining of each year's Admissions 31st December, 1885.				
	New Cases.			Relapsed Cases		Recovered.	Relieved.			Not Improved.		Died.	Recovered.			Relieved.			Not Improved.		Died.			M.	F.	Tot.				
	M.	F.	M.	F.	Total.		M	F.	Tot.	M	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.	M.	F.	Tot.						
1851-2	113	93	3	5	212					0	1	1	23	38	61	11	10	21	21	7	28	58	37	95	4	3	7			
1853	69	54	5	3	131					31	28	59	8	8	16	13	4	17	20	16	36	1	1	2						
1854	74	72	2	3	151					36	36	72	5	12	17	6	3	9	28	18	46	0	1	1						
1855	60	70	1	2	133					16	22	38	9	7	16	5	6	11	17	26	43	0	2	2						
1856	51	60	1	7	119					16	28	44	3	17	20	9	12	21	33	19	52	2	0	2						
1857	41	31	5	2	79					23	18	41	3	1	4	0	2	2	16	10	26	1	1	2						
1858	32	44	4	1	81					17	20	37	3	7	10	2	3	5	14	13	27	0	2	2						
1859	40	38	4	6	88					21	21	42	2	4	6	1	6	7	21	11	32	0	1	1						
1860	51	29	7	3	90					29	13	42	5	4	9	2	0	2	22	12	34	0	1	1						
1861	63	44	6	10	123					36	19	55	4	10	14	3	2	5	25	30	55	2	3	5						
1862	49	55	5	2	111					23	24	47	5	5	10	3	2	5	18	18	36	1	4	5						
1863	53	46	9	7	115					20	25	45	5	6	11	2	2	4	30	18	48	2	0	2						
1864	39	38	9	4	90					13	19	32	1	5	6	4	1	5	26	15	41	4	0	4						
1865	34	33	8	9	84					0	1	1	12	23	35	2	2	4	21	12	33	3	3	6						
1866	30	33	6	4	73					0	1	1	17	18	35	0	3	3	1	2	3	17	12	29	1	4	5			
1867	48	38	7	4	97					0	1	1	21	17	38	1	5	6	1	0	1	24	17	41	4	2	6			
1868	60	36	0	3	99					0	1	1	18	16	34	3	2	5	3	1	4	31	11	42	4	5	9			
1869	63	60	6	5	134					0	1	1	19	27	46	11	14	25	16	6	22	20	12	32	1	5	6			
1870	46	52	10	2	110					1	0	1	26	28	54	4	2	6	2	2	4	16	15	31	5	2	7			
1871	54	57	5	11	127					1	1	2	26	33	59	5	4	9	6	8	14	16	12	28	3	4	7			
1872	51	39	6	9	105					1	1	2	17	20	37	2	0	2	5	6	11	23	11	34	2	7	9			
1873	48	40	8	13	109					1	3	4	19	24	43	1	1	2	5	3	8	15	13	28	1	7	8			
1874	67	83	12	9	171					0	1	1	21	23	44	3	2	5	2	3	5	17	16	33	1	14	15			
1875	55	65	8	10	138					0	1	1	15	26	41	3	2	5	6	4	10	16	16	32	2	1	3			
1876	74	71	18	17	180					0	1	1	32	44	76	4	9	13	14	16	30	37	17	54	5	2	7			
1877	92	93	14	6	175					2	0	2	40	30	70	10	2	12	38	28	66	40	28	68	6	4	10			
1878	89	62	17	7	175					1	1	2	42	33	75	7	5	12	9	8	17	31	16	47	15	6	21			
1879	77	75	21	7	180					1	1	2	41	35	76	9	9	18	14	11	25	33	19	52	9	10	19			
1880	65	67	12	14	158	1	1	2	0	0	0	0	3	1	4	22	33	55	7	7	14	10	14	24	24	19	43	14	8	22
1881	62	70	7	12	151	0	0	0	1	0	1	0	5	1	6	18	33	51	8	10	18	5	8	13	43	31	74	17	14	31
1882	48	44	15	11	118	1	1	2	0	0	0	0	0	1	1	30	50	80	5	4	9	22	8	30	34	21	55	20	11	31
1883	55	57	7	12	131	0	3	3	0	2	2	2	5	1	6	19	26	45	3	5	8	3	2	5	21	13	34	16	24	40
1884	70	43	9	11	133	11	9	20	1	0	1	8	4	12	27	19	46	6	1	7	1	1	2	19	9	28	26	24	50	
1885	53	44	8	7	112	3	15	18	3	0																				



TABLE V.—Showing the causes of Death during the Year 1885, together with the ages at Death.

#### \*Inquestg.

TABLE VI.

*Showing the Length of Residence in those Discharged Recovered, and  
in those who Died, during the Year 1885.*

LENGTH OF RESIDENCE.	Recovered.			Died.		
	M.	F.	T.	M.	F.	T.
	—	—	—	—	—	—
Under 1 month.....	0	0	0	4	0	4
From 1 to 3 months .....	0	3	3	3	1	4
From 3 to 6 months .....	7	9	16	2	0	2
From 6 to 9 months .....	2	6	8	3	0	3
From 9 to 12 months .....	2	3	5	3	2	5
From 1 to 2 years .....	3	6	9	5	1	6
From 2 to 3 years .....	0	1	1	3	2	5
From 3 to 5 years .....	1	1	2	7	4	11
From 5 to 7 years .....	1	0	1	3	2	5
From 7 to 10 years .....	0	0	0	1	1	2
From 10 to 12 years .....	0	0	0	2	4	6
From 12 to 15 years .....	0	0	0	2	1	3
From 15 to 20 years .....	0	0	0	0	4	4
From 20 to 25 years .....	0	0	0	0	0	0
From 25 to 30 years .....	0	0	0	1	0	1
From 30 to 35 years .....	0	0	0	0	1	1
TOTAL.....	16	29	45	39	23	62

TABLE VII.

*Showing the Duration of the Disorder on Admission in the Admissions, Discharges, and Deaths,  
during the Year 1885.*

CLASS.	THE ADMISSIONS			THE DISCHARGES.			THE DEATHS.		
	Recovered			Removed, Relieved, or otherwise.			The Deaths.		
	M.	F.	Total	M.	F.	Total	M.	F.	Total
FIRST CLASS									
First Attack, and within Three Months on Admission	10	13	23	4	14	18	1	2	3
Second Class	...	...	...	...	...	...	5	1	6
First Attack, above Three, and within Twelve Months on Admission	14	3	17	1	4	5	0	1	1
Third Class							2	0	2
Not First Attack, and within Twelve Months on Admission	9	14	23	8	10	18	2	0	2
Fourth Class							3	1	4
First Attack, or not, but of more than Twelve Months on Admission	19	15	34	3	1	4	2	1	3
Fifth Class.							1	0	1
Congenital	...	...	...	6	6	12	0	0	0
Sixth Class.				1	0	1	0	0	0
Not Insane							2	0	2
Total....	59	51	110	16	29	45	8	4	12
							39	23	62

Showing in Quinquennial Periods the ages of those Admitted, Recovered, and Died, during the Year 1885, and of those remaining on 31st December, 1885.

AGES.	THE ADMISSIONS.						RECOVERIES.						DEATHS.						REMAINING		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	31st. DEC. 1885.		
From 5 to 10 years	...	...	...	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	2		
," 10 to 15	...	...	...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
," 15 to 20	...	...	...	6	3	9	1	4	3	7	0	0	2	5	19	10	1	10	27		
," 20 to 25	...	...	...	3	5	8	3	3	3	6	5	0	0	2	5	19	16	1	35		
," 25 to 30	...	...	...	7	5	12	3	3	3	5	3	1	4	4	14	25	25	39	39		
," 30 to 35	...	...	...	3	8	11	2	0	8	8	3	5	3	5	19	26	45	45	45		
," 35 to 40	...	...	...	3	9	12	0	2	2	4	4	3	2	4	4	32	28	60	60		
," 40 to 45	...	...	...	10	9	19	19	19	19	4	4	4	2	4	4	32	23	55	55		
," 45 to 50	...	...	...	8	4	12	4	12	0	0	0	0	0	0	0	16	16	32	32		
," 50 to 55	...	...	...	7	4	11	2	2	0	0	0	0	0	0	0	15	20	35	35		
," 55 to 60	...	...	...	5	2	7	1	2	0	0	0	0	0	0	0	1	6	20	38		
," 60 to 65	...	...	...	1	1	2	0	0	0	0	0	0	0	0	0	0	0	18	38		
," 65 to 70	...	...	...	4	0	4	0	0	0	0	0	0	0	0	0	0	0	14	29		
," 70 to 75	...	...	...	2	0	0	2	0	0	0	0	0	0	0	0	0	0	4	7		
," 75 to 80	...	...	...	0	1	0	0	1	0	0	0	0	0	0	0	0	0	3	11		
," 80 to 85	...	...	...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
Total	...	...	...	59	51	110	16	29	45	39	23	62	213	209	422						
Mean Age	...	...	...	42.10	37.60	38.85	34.00	36.69	35.73	48.71	47.13	48.35	44.29	46.32	45.30						

TABLE IX.

*Showing the Condition as to Marriage in the Patients Admitted, Discharged, Recovered and Died during the Year 1885, and in those Remaining December 31st, 1885.*

CONDITION IN REFERENCE TO MARRIAGE.			ADMITTED.			RECOVERED.			DIED.			Remaining Dec. 31st, 1885.						
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total			
Single ...	...	...	...	...	...	...	26	19	45	10	9	19	13	15	28	121	113	234
Married ...	...	...	...	...	...	...	27	29	56	5	18	23	22	7	29	79	78	157
Widowed ...	...	...	...	...	...	...	6	3	9	1	2	3	4	1	5	13	18	31
<b>Total</b>	...	...	...	...	...	...	59	51	110	16	29	45	39	23	62	213	209	422

TABLE X.

Showing the Probable Causes of Insanity in the Patients Admitted during the Year 1885.

Admissions: Males, 61; Females, 51; Total, 112.

## NUMBER OF INSTANCES IN WHICH EACH CAUSE WAS ASSIGNED.

CAUSES OF INSANITY.	As predisposing cause.						As exciting cause.						As predisposing or exciting (where these could not be distinguished). Total.					
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
MORAL.																		
Domestic Trouble (including loss of relatives and friends)	0	0	0	3	3	6	0	0	0	0	0	0	3	3	6	0	0	0
Adverse circumstances (including business anxieties and pecuniary difficulties).....	1	2	3	3	2	5	0	0	0	0	0	0	4	4	8	0	0	0
Mental anxiety and worry (not included above), and over-work .....	0	0	0	1	1	2	0	0	0	0	0	0	1	1	2	0	0	0
Religious excitement .....	0	0	0	2	2	4	0	0	0	0	0	0	2	2	4	0	0	0
Love Affairs (including seduction) .....	1	0	1	0	0	0	2	2	4	0	0	0	1	2	3	0	0	0
Fright and nervous shock.....	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
PHYSICAL.																		
Intemperance in drink .....	3	0	3	6	0	6	1	1	2	1	1	1	7	0	0	0	0	0
Sunstroke .....	0	0	0	0	1	1	1	1	1	1	1	1	7	0	0	0	0	0
Accident or injury .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Pregnancy .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parturition and the puerperal state .....	0	0	0	0	0	0	1	0	1	1	1	1	3	0	0	0	0	0
Lactation.....	0	1	1	0	2	2	0	1	1	1	1	1	1	3	0	0	0	0
Puberty.....	1	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Change of life .....	0	0	0	3	0	3	0	1	1	0	0	0	0	0	0	0	0	0
Old Age .....	3	0	3	0	2	2	2	10	2	12	0	0	3	0	0	10	4	14
Epilepsy .....	0	2	2	2	2	4	6	12	0	0	0	0	3	0	0	12	6	11
Other bodily diseases or disorders .....	0	2	2	2	2	4	6	16	0	0	0	0	0	0	0	0	0	0
Previous attacks .....	12	14	26	0	0	0	0	0	0	0	0	0	0	0	0	14	13	26
Hereditary influences ascertained (direct or collateral) .....	14	13	27	0	0	0	0	0	0	0	0	0	0	0	0	14	13	27
Congenital defect ascertained .....	0	0	0	0	0	0	4	6	6	0	0	0	0	0	0	10	6	10
No cause assigned .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	14

TABLE XI.—Showing the form of Mental Disorder on Admission in the Admissions, Recoveries, and Deaths of the Year 1885, and the form of Mental Disorder in those remaining on 31st December, 1885.

FORM OF MENTAL DISORDER.	ADMISSIONS.			RECOVERIES.			DEATHS.			Remaining in Asylum 31 Dec. 1885.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Congenital or Infantile Mental Deficiency												
,,     a with Epilepsy	2	0	2	0	0	0	1	1	1	11	10	21
,,     b without Epilepsy	4	6	10	0	0	0	1	1	1	21	26	47
Epilepsy acquired	7	5	12	1	0	0	2	14	14	51	16	47
General Paralysis of the Insane	7	0	7	0	0	0	6	0	6	7	1	8
Mania—												
,,     Acute	12	11	23	8	12	20	2	3	5	10	6	16
,,     Chronic	6	5	11	4	2	6	2	3	5	75	60	135
,,     Recurrent	0	0	0	0	0	0	0	0	1	2	3	3
,,     A Potu	0	0	0	0	0	0	0	0	0	0	0	0
,,     Puerperal	0	0	4	0	0	1	0	0	0	0	6	6
,,     Senile	0	0	0	0	0	0	1	0	1	0	2	2
,,     Delusion <sup>†</sup> Insanity	0	0	1	1	0	0	2	2	0	0	6	8
Melancholia—												
,,     With Stupor	1	0	1	3	0	7	0	0	0	2	1	3
,,     Acute	8	7	15	0	0	0	2	3	4	19	28	47
,,     Chronic	2	3	5	0	0	0	0	0	0	0	1	1
,,     Recurrent	0	0	0	0	0	0	0	0	0	0	2	2
,,     Puerperal	0	3	3	0	2	2	0	0	0	0	0	0
,,     Senile	0	1	1	0	0	0	0	0	1	1	1	2
Monomania of Suspicion, Agency, &c.	..	..	..	1	1	2	0	0	0	3	1	4
Dementia—				..	..	..	..	..	..	0	0	1
,,     Primary	..	..	..	0	0	0	0	0	0	2	0	1
,,     Secondary	..	..	..	3	3	6	0	0	0	5	8	55
,,     Senile	..	..	..	2	1	3	0	0	1	2	1	3
,,     Organic ( <i>i.e.</i> , from Tumours, Coarse Brain Disease, &c.)	..	..	..	2	0	2	0	0	0	0	1	1
Delirium	..	..	..	1	0	1	0	0	0	1	0	0
Moral Insanity	..	..	..	0	0	0	0	0	0	0	1	0
Not Insane	..	..	..	1	0	1	0	0	0	0	0	0
Total	..	..	..	59	51	110	16	29	45	39	23	209
												422

## TABLE XII.

*Showing the Station or Occupation of Patients admitted during  
the year 1885.*

MALES.				FEMALES.			
Accountant ...	...	...	1	Charwoman ...	...	...	1
Coal Miners...	...	...	7	Cotton Factory Hands	...	...	2
Cotton-workers	...	...	2	Cook ...	...	...	1
Farmers ...	...	...	3	Lace Factory Hands	...	...	3
Gardeners ...	...	...	2	Nursemaid ...	...	...	1
Groom ...	...	...	1	Housekeeper	...	...	1
Ironworkers...	...	...	6	Milliner	...	...	1
Joiner ...	...	...	1	Seamstress	...	...	1
Labourers, Brewery	...	...	1	Stocking Seamer	...	...	1
" Colliery	...	...	2	Unknown ...	...	...	4
" General	...	...	9	Daughter of General Labourer	...	2	
" Farm	...	...	6	" Surveyor	...	...	1
Lacemakers ...	...	...	2	" Tobacco mill hand	...	...	1
Pensioner ...	...	...	1	" Farmer	...	...	1
Policeman ...	...	...	1	Wife of Carter ...	...	...	1
Potter ...	...	...	1	" Calico printer	...	...	1
Quarryman ...	...	...	2	" Clerk	...	...	1
Railway Fireman	...	...	1	" Commercial Traveller	...	...	1
Shoemakers ...	...	...	2	" Coalminer	...	...	6
Silkworker ...	...	...	1	" French polisher	...	...	1
Tailor ...	...	...	1	" Groom	...	...	1
Unknown ...	...	...	3	" Bath chairman	...	...	1
Son of Drover ...	...	...	1	" Ironworker	...	...	3
" Farmer	...	...	1	" Labourer, general	...	...	3
" Laceworker	...	...	1	" railway	...	...	2
				" Nailmaker	...	...	1
				" Painter	...	...	1
				" Pensioner	...	...	1
				" Shoemaker	...	...	1
				" Silversmith	...	...	1
				" Tobacco mill hand	...	...	1
				Widow of Cashier ..	...	...	1
				" Bookbinder	...	...	1
				" Master Mariner ..	...	...	1
Total ...	...	...	59	Total ...	...	...	51

# FARM AND GARDEN ACCOUNT,

*For the Year ending 31st December, 1885.*

## WORKING EXPENDITURE.

1885.

Jan. 1.		£	s.	d.	£	s.	d.
To Valuation of Live and Dead Stock ..	..	2240	17	1			
,, Cash in hand ..	..	17	15	0			
					2258	12	1
	STOCK PURCHASED.						
," Cows ..	..	..	..	..	88	7	6
," Sheep ..	..	..	..	..	120	5	0
," Pigs ..	..	..	..	..	25	5	0
					233	17	6
	PROVENDER.						
," Sharps, Linseed Cake, Oats, Beans, Bean Flour, Grains, Bran, Rice Meal ..	..	..	..	..	442	0	9
," Hay ..	..	..	..	..	20	0	0
," Straw ..	..	..	..	..	118	0	3
," Seeds, Seed Potatoes, and Plants ..	..	..	..	..	38	10	3
," Lime, Soot, Manure ..	..	..	..	..	25	14	8
," Veterinary Surgeon ..	..	..	..	..	8	17	0
," Carriage of Goods ..	..	..	..	..	20	1	0
," Rates and Taxes ..	..	..	..	..	39	5	2
," Impelments and Repairs, New Cart, Asphalte, and Shoeing ..	..	..	..	..	77	11	4
," New Shedding, Repairs to Buildings, Har- vesting, Thrashing, and Miscellaneous ..	..	..	..	..	33	10	10
						823	11
," Refuse from House ..	..	..	..	..	20	0	0
," Coal ..	..	..	..	..	15	0	0
," Estimated Rental of 3a. Garden Ground ..	..	..	..	..	9	15	0
," 75 acres in cultivation, at 40s... ..	..	..	..	..	150	0	0
Wages ..	..	..	..	..	159	15	0
," Farm Manager ..	..	..	..	..	227	19	9
					40	0	0

## INCOME

THE JOURNAL OF CLIMATE

SUPPLIES TO THE HOUSE.		£	s.	d.	£	s.	d.
By Milk, 12,433gals. 3qts., at 9d. ..	..	..	..	..	466	5	4
," Pork, 5,283lb., at 7½d. ..	..	..	..	..	165	1	10
," Veal, 298lb., at 9d. (and heads, 16s.) ..	..	..	..	..	11	19	6
," Mutton, 5,140lb., at 8d. ..	..	..	..	..	171	6	8
," Heads and Pincks, 67 ..	..	..	..	..	7	16	4
," Eggs, 3,349, at 1d. ..	..	..	..	..	13	19	1
," Lamb, 13lb. ..	..	..	..	..	5	19	2
," Apples, 5,878lb., at 1½d. ..	..	..	..	..	36	14	9
," Asparagus, 92 bds., at 1s. ..	..	..	..	..	4	12	0
," Artichokes, 334lb., at 1½d. ..	..	..	..	..	2	1	9
," Broccoli, 464lb., at 2d. ..	..	..	..	..	3	17	4
," Beet, 139lb., at 3d. ..	..	..	..	..	1	14	9
," Broad Beans, 1,588lb., at 1d. ..	..	..	..	..	6	12	4
," Kidney Beans, 1,030lb., at 1½d. ..	..	..	..	..	6	8	9
," Brussels Sprouts, 573lb., at 2d. ..	..	..	..	..	4	15	6
," Black Currants, 300lb., at 3d. ..	..	..	..	..	3	15	0
," Red Currants, 142lb., at 3d. ..	..	..	..	..	1	15	6
," White Currants, 26lb., at 3d. ..	..	..	..	..	0	6	6
," Cabbage, 8,507lb., at ¾d. ..	..	..	..	..	26	11	9
," Cauliflowers, 89lb., at 2d. ..	..	..	..	..	0	14	10
," Cucumbers, 202 at 4d. ..	..	..	..	..	3	7	4
," Carrots, 467lb., at ½d. ..	..	..	..	..	0	19	5
," Celery, 744lb., at 1d. ..	..	..	..	..	3	2	0
," Cherries, 50lb., at 3d. ..	..	..	..	..	0	12	6
," Damsons, 347lb., at 3d. ..	..	..	..	..	4	6	9
," Gooseberries, 407lb., at 2d. ..	..	..	..	..	3	7	10
," Marrows, 35 at 3d. ..	..	..	..	..	0	8	9
," Onions, 2,713lb., at 1d. ..	..	..	..	..	11	6	1
," Peas, 873lb., at 1½d. ..	..	..	..	..	5	9	1
," Lettuce, 2,979 hds., at ½d. ..	..	..	..	..	3	8	8
," Parsnips, 2,331lb., at 1d. ..	..	..	..	..	9	14	2
," Pears, 1,044lb., at 1d. ..	..	..	..	..	4	7	0
," Rhubarb, 3,412lb., at ¼d. ..	..	..	..	..	10	13	3
," Radishes, 323 bds., at 2d. ..	..	..	..	..	2	13	10
," Raspberries, 120lb., at 3d. ..	..	..	..	..	4	12	6
," Strawberries, 311lb., at 3d. ..	..	..	..	..	3	17	9
," Salad, 327 dishes, at 2d. ..	..	..	..	..	2	14	6
," Spinach, 740lb., at 1½d. ..	..	..	..	..	1	10	0
," Sea-kale, 22lb., at 6d. ..	..	..	..	..	0	11	0
," Savoys, 1,717lb., at 1d. ..	..	..	..	..	10	1	5
," Turnips, 2,061lb., at 1d. ..	..	..	..	..	8	11	9
," Kale, 1,994lb., at 1d. ..	..	..	..	..	8	6	2
," Leeks, 414lb., at 1d. ..	..	..	..	..	1	14	6
," Endive, 238lb., at 1d. ..	..	..	..	..	0	19	10
," Grapes, 18lb., at 1s. 6d. ..	..	..	..	..	1	7	0
," Melons, 9 No., at 1s. ..	..	..	..	..	0	9	0
," Tomatoes, 45lb., at 3d. ..	..	..	..	..	0	11	3
," Herbs, various ..	..	..	..	..	3	10	0
," Potatoes, 32tns. 17lb., at 65s. ..	..	..	..	..	104	0	6
," Plants supplied to Wards ..	..	..	..	..	12	10	0
," Plants bedded, 3,300—275 doz. at 1s. 6d. ..	..	..	..	..	20	12	6
						1201	11
," Sale of Cows ..	..	..	..	..	79	7	6
," Calves ..	..	..	..	..	12	4	0
," Lambs ..	..	..	..	..	18	17	6
," Pigs ..	..	..	..	..	75	11	3
," Horses (foals) ..	..	..	..	..	17	17	0
						203	17
," Wheat ..	..	..	..	..	31	10	0
," Skins ..	..	..	..	..	8	18	2
," Fat ..	..	..	..	..	3	10	7
," Use of Boar ..	..	..	..	..	4	7	0
," 1st Prize, Bakewell, 3 Pigs ..	..	..	..	..	2	0	0
," 2nd Prize, Newark, 1 Pig ..	..	..	..	..	1	0	0
," Corn, Hay, Grass and Straw, supplied to other Horses ..	..	..	..	..	197	4	0
," Farm Horses & Carts Employed for House. ..	..	..	..	..	39	0	0
						236	4
						2143	5
						2127	15
						1510	2
						5786	7 11

1885.

11

JOHN LANGLEY,  
F.R.S., M.A.



INCOME AND EXPENDITURE FROM THE 1<sup>ST</sup> OF JANUARY TO THE 31<sup>ST</sup> OF DECEMBER, 1885.

**JOHN LANGLEY,  
CLERK & STEWARD.**

(Signed)

{ HENRY FLOWER EVERY,  
N. C. OURZON,



Workers Extra Meet Diana with Oatmeal D

DIRE<sup>S</sup>, EXTRA MEAT DINNER, WITH OATMEAL DINNER, FISH DINNER, WITH SAUCE, ETC.

Stew to contain 3oz. Meat. Soup to contain 1oz. Tea Scale—Tea,

Meat Pie (Fruit, Rhubarb, and Apple used with Meat an

<sup>†</sup>Baked Rice Pudding, made with Milk and Molasses  
Great additions are made to the above table; Epilept Fish, Rice, Egg, Tapioca, Sago, and Arrowroot P.

\*ATTENDANTS' AND SERVANTS' DIET.

Weekly—Tea, 2oz.; Coffee, 4oz.; Sugar,  $\frac{3}{4}$ lb.; Butter (fresh),  $\frac{1}{2}$ lb.; Cheese, 1lb; also Fruit or Milk Pudding.

cooked, including Bone—Men, 1lb.; Women,  $\frac{3}{4}$ lb.; Milk,  $\frac{1}{2}$  pint; Bread,  $1\frac{1}{4}$ lb.; Vegetables as required; Tea, 1oz., given in exchange for 4oz. Coffee; Bacon,  $\frac{1}{2}$ lb., in exchange for 1lb. Cheese.

ARTICLES MADE AND REPAIRED BY THE FEMALE PATIENTS  
DURING THE YEAR 1885.

*General Statement of Receipts and Payments between the 1st of January and the 31st of December, 1885.*

	£	s.	d.	£	s.	d.	£	s.	d.
Balance in Treasurer's hands on the 31st December, 1884	3701	16	11				Amount due to Tradesmen for Supplies to 31st December, 1884	1889	19 10
Ditto in Steward's hands	22	14	10					1889	19 10
				3724	11	9			
RECEIPTS.	242	14	3	PAYMENTS.	3760	1	1		
Farm Sales...	...	...	...	Provisions ...	...	...	...		
Sundry Sales	...	...	...	Amount paid to Attendants, Nurses,	...	...	...		
Bank Interest	...	...	...	and Servants in lieu of Beer	...	...	...	161	17 2
				House and other Expenses	...	...	...	2205	12 11
Maintenance of Patients belonging to this County ...	11072	7	0	Clothing (including wages of Tailors and Shoemaker) ...	...	...	...	1102	11 10
County Treasurer for the Maintenance of Unsettled Cases	53	9	0	Salaries and Wages...	...	...	...	2826	6 7
Maintenance of Patients chargeable to Out-Counties ...	3	6	0	Extras for the Sick	...	...	...	160	12 4
Prison Commissioners for Criminals ...	55	6	0	Farm and Garden	...	...	...	1325	8 6
Private Patients ...	11	1	0	Balance in Treasurer's hands on the 31st December, 1885	...	...	...	3898	0 4
Funerals ...	32	10	0	Ditto in Steward's hands	...	...	...	35	4 7
								3933	4 11
Amount due to Tradesmen for Supplies to 31st December, 1885	2085	17	3						
				2085	17	3			
				£17365	15	2			
				£17365	15	2			

JOHN LANGLEY,  
CLERK & STEWARD.

AVERAGE WEEKLY COST OF MAINTENANCE, MEDICINE,  
 CLOTHING, AND CARE OF PATIENTS DURING THE  
 YEAR ENDING THE 31ST DECEMBER, 1885.

	£	s.	d.
Provisions .....	0	3	9
Clothing (including wages of Tailors and Shoemaker)	0	0	$9\frac{1}{2}$
Salaries and Wages .....	0	2	$7\frac{1}{4}$
Necessaries, Fuel, Light, Washing .....	0	1	1
Surgery and Dispensary .....	0	0	$0\frac{3}{4}$
Wines and Spirits .....	0	0	$0\frac{3}{4}$
Furniture and Bedding .....	0	0	$5\frac{3}{4}$
Garden and Farm .....	0	1	$1\frac{1}{4}$
Miscellaneous, viz.:—Periodicals, Print-			
ing, Stamps, Stationery, Car-			
riage of Goods, Insurance,			
Picnics, Entertainments .....	0	0	$3\frac{1}{4}$
	0	10	$2\frac{1}{2}$
Less Receipts .....	0	0	$3\frac{1}{4}$
	0	9	$11\frac{1}{4}$

Average Daily Number of Patients, 415.